

ABSTRACT~~**TUNABLE HIGH FREQUENCY FILTER ARRANGEMENT AND METHOD FOR THE PRODUCTION THEREOF**~~

A high-frequency filter arrangement comprising at least one filter [[(F3)]] consisting of a plurality of high-frequency inter-coupled cavities (21,... 24) in which a locally fixed respective dielectric resonator element [[(44)]] is disposed and in which a respective dielectric body [[(44)]] can be modified, in order to tune the frequency of the filter [[(F3)]], in the position thereof in relation to the dielectric resonator element [[(44)]] . The structure of the inventive filter arrangement is simple, compact and economical and excellent filter and tuning properties are obtained by virtue of the fact that the dielectric body [[(45)]] is arranged in an eccentric recess of the dielectric resonator element [[(44)]] and that the dielectric body [[(45)]] is rotatably arranged in the eccentric recess [[(59)]] .

Figure 14 à publier